

**To:** Downey, Shannon[downey.shannon@epa.gov]; Kane, Eleanor[kane.eleanor@epa.gov]  
**From:** Marshall, Sarah  
**Sent:** Wed 12/11/2013 7:16:15 PM  
**Subject:** FW: old Veolia isopleths  
[modeling.doc](#)  
[Stack3AnnualAverage.pdf](#)  
[Stack3Highest1hour.pdf](#)  
[Stack4AnnualAverage.pdf](#)  
[Stack4Highest1hour.pdf](#)

Sarah Marshall

Section Chief MI/WI Section

Air Enforcement and Compliance Assurance Branch

U.S. Environmental Protection Agency, Region 5

312-886-6797

**From:** Ramaly, Todd  
**Sent:** Tuesday, December 03, 2013 12:02 PM  
**To:** Marshall, Sarah  
**Subject:** FW: old Veolia isopleths

Todd D. Ramaly

Environmental Scientist

RCRA/TSCA Permits Section

U.S. EPA Region 5

(312) 353-9317

(312) 582-5190 - fax

**From:** Ramaly, Todd  
**Sent:** Tuesday, September 24, 2013 5:11 PM  
**To:** Caudill, Motria; Lambesis, Christopher  
**Subject:** old Veolia isopleths

Motria,

Here are 4 hastily made drawings of particle concentration isopleths for Stacks 4 and 3 at Veolia. Here also is the document describing our methodology. Page II-1 has a table of data on each stack, including stack height, coordinates, etc.

Just to further underscore the operational differences, here are some of the draft permit limits in ARD's last draft permit:

Unit	Max. Flue Gas Flowrate	Max Total Haz. Waste Feedrate
2	13,266 acf/min	4,149 lbs/hr
3	13,111 acf/min	5,344 lbs/hr
4	43,400 acf/min 1,787 lbs/hr (secondary chamber)	17,907 lbs/hr (primary combustion chamber) and

Call if you have any questions.

Sincerely,

Todd D. Ramaly

Environmental Scientist

RCRA/TSCA Permits Section

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